METHOD FOR MANUFACTURING THE SAME

FIG.1

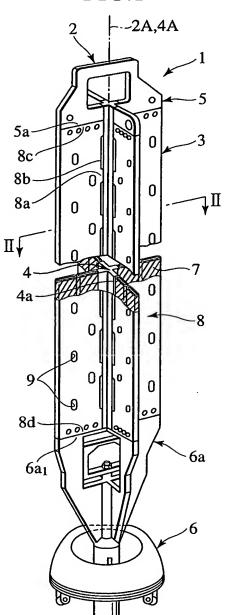
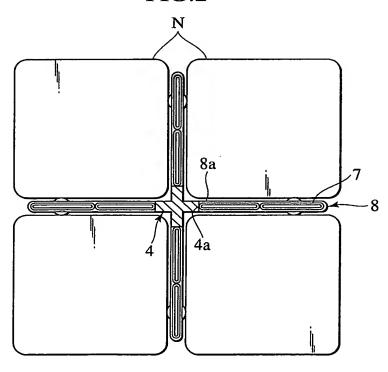
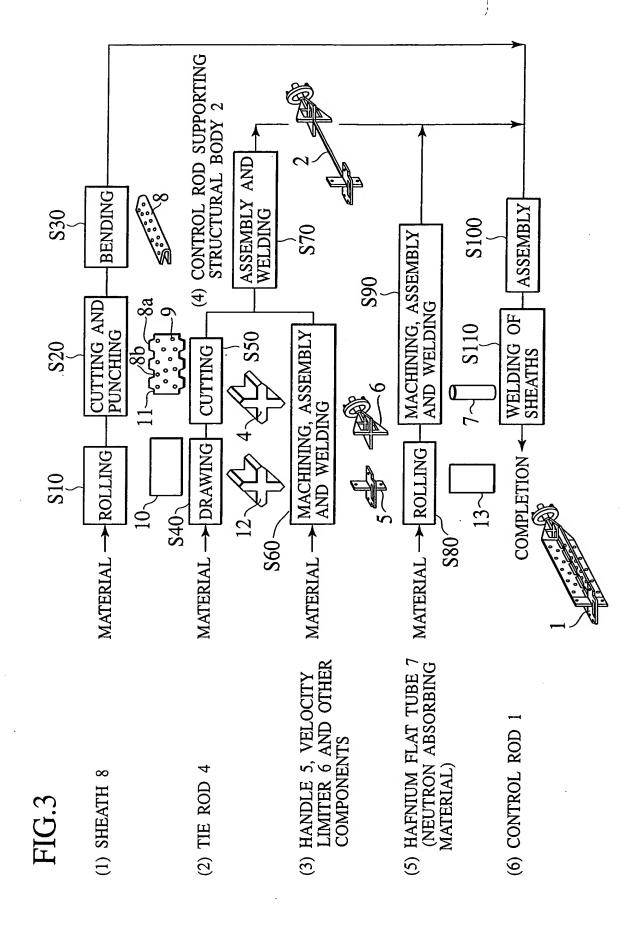


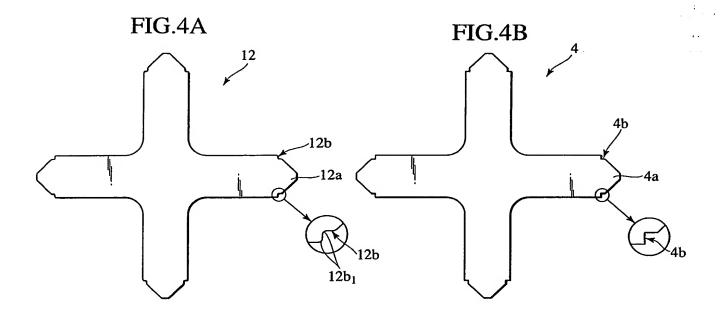
FIG.2

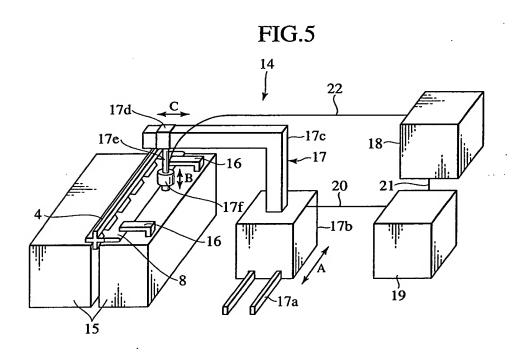


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Title: CONTROL ROD FOR BOILING WATER REACTOR AND METHOD FOR MANUFACTURING THE SAME







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FIG.6

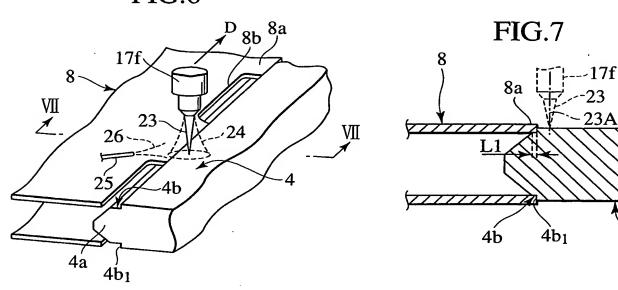


FIG.8

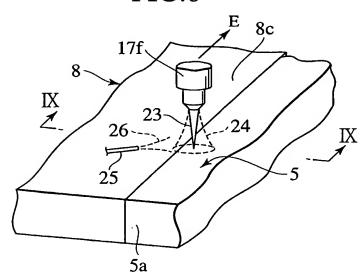
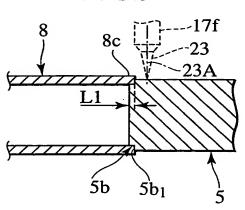


FIG.9

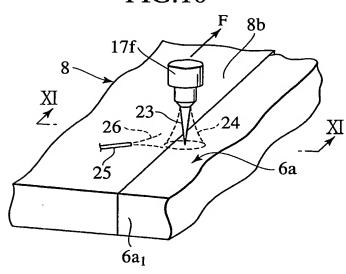


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Title: CONTROL ROD FOR BOILING WATER REACTOR AND

METHOD FOR MANUFACTURING THE SAME

FIG.10



**FIG.11** 

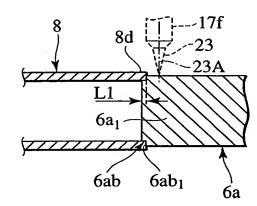
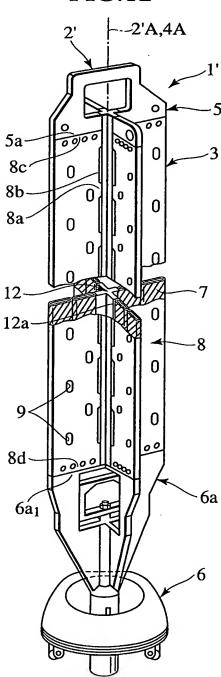
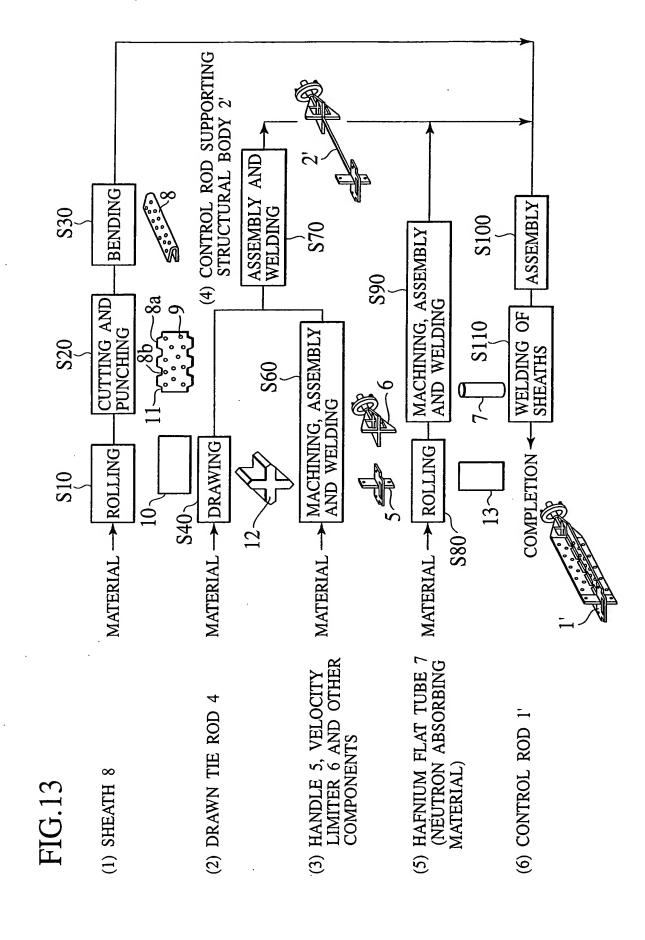


FIG.12



METHOD FOR MANUFACTURING THE SAME



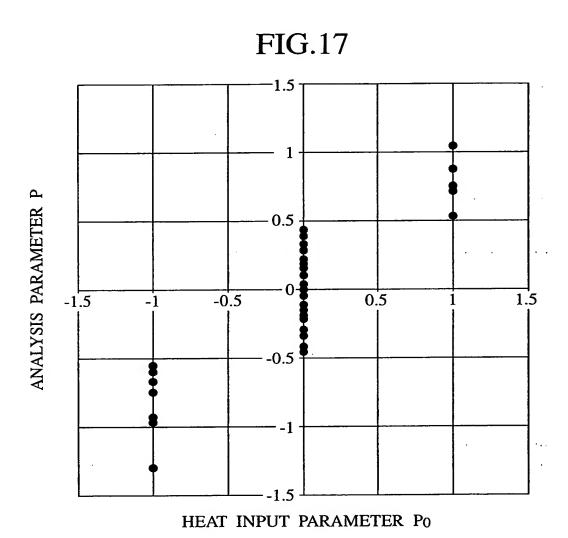
12a

FIG.14 **FIG.15** G 8b ,8a 17f --17f 8 8a XV Z. 23 26--12 -12b 12b 12b<sub>1</sub> 12

FIG.16

12b<sub>2</sub>

MODE OF YAG LASER OUTPUT	CONTINUOUS WAVE
WELDING LENGTH (mm)	30
NUMBER OF WELDING PASSES	1
TRAILER GAS, SHIELDING GAS	N <sub>2</sub>
DIAMETER (mm) OF WELDING ROD 30	0.6
GAP (mm) BETWEEN TIE ROD 4 AND SHEATH 8	0~0.3
DISTANCE (mm) FROM EDGE OF SHEATH PROJECTION 8A TO BEAM CENTRAL AXIS 23A (WHEN DIRECTION TOWARD SHEATH 8 IS POSITIVE, AND DIRECTION TOWARD AXIS CENTER 4A OF TIE ROD 4 IS NEGATIVE)	−0.5 <b>~</b> 0.5
HEAT INPUT (kJ/cm)	0.69~1.63
CONVERGING DIAMETER (mm)	0.57~0.98
SUPPLY (g/m) OF CONTROL ROD 30 FOR ONE METER OF WELDING	1.25~4.06
OVERLAP (mm) OF TIE ROD 4 WITH SHEATH 8	0.2~0.8



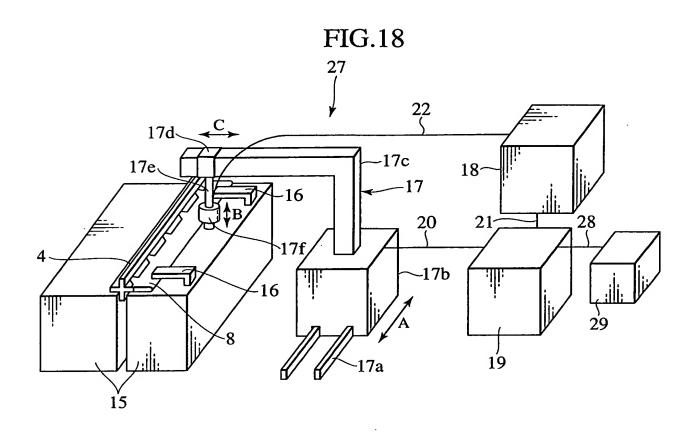


FIG.19 XXI≺ **FIG.20** 4b<sub>2</sub> 8a XX Η 8b<sub>1</sub> 8a<sub>1</sub> 8a 8b 8a ₩

FIG.21

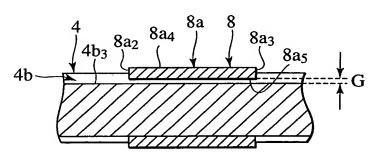
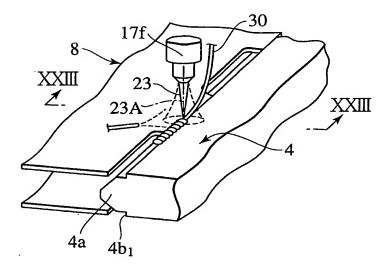


FIG.22



**FIG.23** 

